

## Title (en)

VIDEO PROCESSING METHOD AND APPARATUS, ELECTRONIC DEVICE, AND COMPUTER-READABLE MEDIUM

## Title (de)

VIDEOVERARBEITUNGSVERFAHREN UND -VORRICHTUNG, ELEKTRONISCHE VORRICHTUNG UND MASCHINENLESBARES SPEICHERMEDIUM

## Title (fr)

PROCÉDÉ ET APPAREIL DE TRAITEMENT VIDÉO, DISPOSITIF ÉLECTRONIQUE ET SUPPORT LISIBLE PAR ORDINATEUR

## Publication

**EP 3866477 A4 20211020 (EN)**

## Application

**EP 19873400 A 20190920**

## Priority

- CN 201811198856 A 20181015
- CN 2019107074 W 20190920

## Abstract (en)

[origin: EP3866477A1] The present application discloses a video processing method and apparatus, an electronic device, and a computer-readable medium, relating to the technical field of video processing. The method comprises: a system playing module acquiring a video file to be played and sent by a target client; determining whether playing of the video file is supported; if not, parsing the video file to acquire an audio stream and a video stream in the video file; configuring an audio decoder identifier for the audio stream, and configuring a video decoder identifier for the video stream; and sending to an FFmpeg module the video stream, the audio stream, the video decoder identifier, and the audio decoder identifier, such that the FFmpeg module decodes the video file to acquire audio playing data and video playing data, wherein the audio playing data and the video playing data can be played by an audio and video output module of an electronic device. In the method, the FFmpeg module is called, thereby enabling the client to successfully play a video file not supported by the client.

## IPC 8 full level

**H04N 21/44** (2011.01); **H04N 21/426** (2011.01); **H04N 21/434** (2011.01); **H04N 21/439** (2011.01); **H04N 21/443** (2011.01)

## CPC (source: CN EP US)

**H04N 21/4183** (2013.01 - US); **H04N 21/426** (2013.01 - CN); **H04N 21/42607** (2013.01 - EP); **H04N 21/4341** (2013.01 - EP US); **H04N 21/439** (2013.01 - CN US); **H04N 21/4396** (2013.01 - EP); **H04N 21/44** (2013.01 - CN US); **H04N 21/443** (2013.01 - EP); **H04N 21/8193** (2013.01 - CN EP US); **H04N 21/84** (2013.01 - EP US); **H04N 21/85406** (2013.01 - EP)

## Citation (search report)

- [X] CN 108235096 A 20180629 - HUNANTV COM CORP
- [I] EP 3319320 A2 20180509 - HANWHA TECHWIN CO LTD [KR]
- [A] EP 3200470 A1 20170802 - LE HOLDINGS BEIJING CO LTD [CN], et al
- [A] ANONYMOUS: "FFmpeg - Wikipedia", 7 May 2018 (2018-05-07), pages 1 - 15, XP055838731, Retrieved from the Internet <URL:https://en.wikipedia.org/w/index.php?title=FFmpeg&oldid=840032902> [retrieved on 20210907]
- [A] MAOQIANG SONG ET AL: "Research on Architecture of Multimedia and Its Design Based on Android", INTERNET TECHNOLOGY AND APPLICATIONS, 2010 INTERNATIONAL CONFERENCE ON, IEEE, PISCATAWAY, NJ, USA, 20 August 2010 (2010-08-20), pages 1 - 4, XP031827373, ISBN: 978-1-4244-5142-5, DOI: 10.1109/ITAPP.2010.5566650
- See references of WO 2020078165A1

## Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

## Designated extension state (EPC)

BA ME

## DOCDB simple family (publication)

**EP 3866477 A1 20210818**; **EP 3866477 A4 20211020**; CN 109257646 A 20190122; CN 109257646 B 20200922; US 11336953 B2 20220517; US 2021235153 A1 20210729; WO 2020078165 A1 20200423

## DOCDB simple family (application)

**EP 19873400 A 20190920**; CN 201811198856 A 20181015; CN 2019107074 W 20190920; US 202117231774 A 20210415